



Case No.: NORTH-493A

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Steven A. Schwartz	)	Group No.:	3662
		)		
Serial No.:	10/633,825	)		
		)		
Filed:	08/04/2003	)	Examiner:	Unknown
		)		
For:	METHOD FOR AUTOMATIC	)		
	ASSOCIATION OF MOVING TARGET	)		
	INDICATIONS FROM ENTITIES	)		
	TRAVELING ALONG KNOWN ROUTE	)		

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**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. SECTION 1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

Pursuant to 37 C.F.R. § 1.97, the following Information Disclosure Statement is submitted as listed on form PTO/SB/08A enclosed herewith in duplicate. Copies of all disclosure documents are attached hereto for the Examiner's review.

No representation is made that the references disclosed herein legally constitute prior art, or that more relevant references are not available. The disclosure documents enclosed herewith and listed on the attached form (PTO/SB/08A) are printed in the English language and/or accompanied by and Abstract published in the English language.

The references listed herein, when taken alone or in combination, are not believed to disclose nor make obvious the invention as claimed in the subject application.

As this Information Disclosure Statement is being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action, it is believed that no fee is required. If a fee is required, please charge Account Number 19-4330.

An additional Information Disclosure Statement for patented disclosure documents was completed via internet on November 3, 2003. Copies of all the submitted documents are enclosed.

Respectfully submitted,

Date: Nov 3, 2003 By:

Bruce B. Brunda

Bruce B. Brunda  
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Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/633,825
Filing Date	August 4, 2003
First Named Inventor	Steven A. Schwartz
Group Art Unit	3662
Examiner Name	Unknown
Attorney Docket Number	NORTH-493A

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):

Certificate of Mailing and Return Postcard.

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Bruce B. Brunda  
STETINA BRUNDA GARRED & BRUCKER

Signature

*Bruce B. Brunda*

Date

Nov 3, 2003

## CERTIFICATE OF MAILING

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Dawn A. Sacks

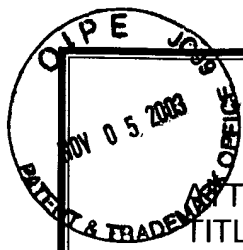
Signature

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TORNEY DOCKET NO: NORTH-493A

TITLE: METHOD FOR AUTOMATIC ASSOCIATION OF MOVING TARGET INDICATIONS FROM ENTITIES TRAVELING ALONG KNOWN ROUTE

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Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Information Disclosure Statement (of 2 pages);
2. Information Disclosure Statement by Applicant – Non-Patent (in duplicate);
3. Non-Patent Disclosure Documents (of 5 stapled packs);
4. Information Disclosure Statement – Patents (filed by ePave) (of 34 pages);
5. Transmittal Form;
6. Certificate of Mailing; and
7. Return Postcard.



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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet 1 of 0		<b>Complete if Known</b>	
		Application Number	10/633,825
		Filing Date	August 4, 2003
		First Named Inventor	Steven A. Schwartz
		Group Art Unit	3662
		Examiner Name	Unknown
		Attorney Docket Number	NORTH-493A

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Ulf Grenander REPRESENTATIONS OF KNOWLEDGE IN COMPLEX SYSTEMS, Royal Statistical Society, pages 549-601 (1994) ✓	
		Steven A. Schwartz (ABSTRACT) BAYESIAN ESTIMATION OF PROTEIN CONFORMATION IN A PATTERN-THEORETIC..., page 1 (Dec 1995)	
		Philip D. Stroud and Ray C. Gordon AUTOMATED MILITARY UNIT IDENTIFICATION..., SPIE Vol. 3069, p. 375-385, Los Alamos, NM (no date)	
		Harry L. Van Trees DETECTION ESTIMATION AND MODULATION THEORY, Massachusetts Institute of Technology, p. 58 (no date) ✓	
		Ulf Grenander THE 1985 RIETZ LECTURE, Brown University, p. 1430 (1985)	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

**Title of  
Invention**

**METHOD FOR AUTOMATIC ASSOCIATION OF MOVING TARGET  
INDICATIONS FROM ENTITIES TRAVELING ALONG KNOWN ROUTE**

Submission Type: Information Disclosure Statement

Application Number: 10/633825

\*10/633825\*

EFS ID: 50127

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	5283
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.

First Named Applicant: Steven Schwartz

Attorney Docket Number: NORTH-493A

Timestamp: 2003-11-03 18:16:37 EDT

From: us

File Listing:

Doc. Name	File Name	Size (Bytes)
us-ids	ids-usidst.xml	6074
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	ids-pkda.xml	2055
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		74206

Message Digest: 65ef07c72052a4f8f205f6603b7abbd7d061aa26

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Attorneys,ou=Patent and Trademark

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Government,c=US

<b>ELECTRONIC INFORMATION DISCLOSURE STATEMENT</b>
--

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>METHOD FOR AUTOMATIC ASSOCIATION OF MOVING TARGET INDICATIONS FROM ENTITIES TRAVELING ALONG KNOWN ROUTE</b>
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Application Number: 10/633825

\*10/633825\*

Confirmation Number: 5283

First Named Applicant: Steven Schwartz

Attorney Docket Number: NORTH-493A

Search string: ( 5430810 or 5629989 or 5638465 or 5825915 or  
5953452 or 6067041 or 6081222 or 6260759 or  
6531965 or 6552679 or 3612949 or 3633212 or  
3709608 or 4168123 or 4649274 or 5005973 or  
5600893 or 5936723 or 4217583 or 4768034 or  
5045860 or 5066956 or 5425136 or 5594450 or  
5818383 or 5909189 or 1400803 or 2700140 or  
5497705 or 5959574 ).pn.

**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5430810	1995-07-04	Saeki			
	2	5629989	1997-05-13	Osada			
	3	5638465	1997-06-10	Sano et al.			
	4	5825915	1998-10-20	Michimoto et al.			
	5	5953452	1999-09-14	Boone et al.			
	6	6067041	2000-05-23	Kaiser et al.			
	7	6081222	2000-06-27	Henkel et al.			
	8	6260759	2001-07-17	Nguyen et al.			
	9	6531965	2003-03-11	Kaiser et al.			



	10	6552679	2003-04-22	Sassman et al.
	11	3612949	1971-10-12	Becraft et al.
	12	3633212	1972-01-04	Cooper
	13	3709608	1973-01-09	Degan et al.
	14	4168123	1979-09-18	Price
	15	4649274	1987-03-10	Hartmann
	16	5005973	1991-04-09	Mimmack et al.
	17	5600893	1997-02-11	Phillips
	18	5936723	1999-08-10	Schmidt et al.
	19	4217583	1980-08-12	Hiller et al.
	20	4768034	1988-08-30	Preikschat et al.
	21	5045860	1991-09-03	Hodson
	22	5066956	1991-11-19	Martin
	23	5425136	1995-06-13	Lo et al.
	24	5594450	1997-01-14	Schober
	25	5818383	1998-10-06	Stockburger et al.
	26	5909189	1999-06-01	Blackman et al.
	27	1400803	1921-12-20	Conlan, Jr.
	28	2700140	1955-01-18	Phillips
	29	5497705	1996-03-12	Bredy et al.
	30	5959574	1999-09-28	Poore, Jr.

**Signature**

<b>Examiner Name</b>	<b>Date</b>